

L 6357-66

ACC NR: AP5026105

Table 1. Hypersonic acoustic velocities

Material	Stimulated Br. Scattering		Spontaneous Br. Scatt. $v, \mu\text{Sec}$	Hypersound Measurements $v, \mu\text{Sec}$
	$\Delta v, \text{cm}^{-1}$	$v, \mu\text{Sec}$		
Fused quartz	0.811 \pm 0.004	5804 \pm 30	5990 5840	5968
Crown glass	0.856 \pm 0.005	5906 \pm 40	-	-
Benzene	0.206 \pm 0.002	1434 \pm 15	1471 \pm 2	1324
Nitrobenzene	0.232 \pm 0.002	1546 \pm 15	-	1473
Carbon disulfide	0.181 \pm 0.002	1162 \pm 15	1265 \pm 22	1158
	0.192 \pm 0.002	1232 \pm 15		
Acetic acid	0.145 \pm 0.002	1105 \pm 20	1140 \pm 35	1144
Salol - 20C 180C	0.232 \pm 0.002	1544 \pm 15	-	-
	0.106 \pm 0.002	740 \pm 20		

*The upper value is given for the case when \sim 10 components were observed; the lower value, when 2 components were observed.

Card 2/3

L 6357-66

ACC NR: AP5026105

experimental error for all materials tested except carbon disulfide. The hypersonic velocity in carbon disulfide decreased with an increasing number of Brillouin components and increased with an increasing power of the pulses. The dependence of velocity (or Δv) on the number of components was attributed to heating of the scattering medium due to absorption of hypersound. It is possible that a small decrease in hypersonic velocity also occurred in other materials. Such a decrease would limit the accuracy with which the hypersonic velocity could be determined by means of stimulated Brillouin scattering. The ~5% dispersion observed in nitrobenzene at 20C made it possible to evaluate its main relaxation parameters. Orig. art. has: 2 figures and 1 table. [CS]

SUB CODE: OP/ SUBM DATE: 19Jul65// ORIG REF: 004/ OTH REF: 010/ ATD PRESS: 4141

Card 3/3 *Rds*

FABELINSKIY, I.L.

Study of the fine structure of a line of scattered light, and
the propagation of hypersound. Usp. fiz. nauk 87 no.1:9-15
S 165. (MIRA 18:9)

L 10646-66 FBD/EWT(1)/EWP(e)/EWT(m)/EEC(k)-2/T/EWP(k)/EWA(m)-2/EWA(h) SCTB/IJP(c)

ACC NR: AP6002662 ⁴⁴WG/WH SOURCE CODE: UR/0386/65/002/012/0562/0566

AUTHOR: Mash, D. I.; Morozov, V. V.; Starunov, V. S.; Fabelinskiy, I. L. ⁴⁴

ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR ⁴⁴ Fizicheskiy institut Akademii nauk SSSR

13
B

TITLE: Stimulated Brillouin scattering in gas

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 2, no. 12, 1965, 562-566, and insert facing page 584

TOPIC TAGS: laser, ^{25, 44}gaseous laser, nonlinear optics, Brillouin scattering

ABSTRACT: The authors report observing stimulated Brillouin scattering in hydrogen at a pressure of 95 atm, in nitrogen at 100 and 125 atm, and in oxygen at 75, 100, and 150 atm using an experimental setup described in Zhurnal eksperimental'noy i teoreticheskoy fiziki, Pis'ma v redaktsiyu, v. 2, no. 1, 1965, p. 41. The focused output of the Q-switched ruby laser was 250 Mw. Four Stokes components were observed in nitrogen, four Stokes components and one faint anti-Stokes component were observed in oxygen, and two Stokes components were observed in hydrogen. The hypersound velocities determined from the experimental data are listed in Table 1, together with the adiabatic and isothermal velocities and certain parameters of the medium and experimental conditions. Stimulated Brillouin scattering was not observed in

Card 1/3

2

L 10646-66

ACC NR: AP6002662

Table 1.

	P, atm	n	$f \times 10^{-9}$	$\lambda \times 10^5, \text{cm}$	$\alpha \cdot 10^6$	Experimental data		adiabatic w/sec	isothermal w/sec
						$\Delta v \cdot 10^2$ cm	hypersonic velocity (w/sec)		
N_2	125	1.035	0.84	3.3	0.06	2.8 ± 0.1	280 ± 10	352	297
O_2	150	1.038	0.99	3.3	0.06	3.3 ± 0.3	330 ± 30	331	280
H_2	95	1.012	3.3	3.4	0.14	11 ± 1	1130 ± 100	1334	1127
H_2	110	1.005	2.6	3.5	1.7	-	-	1008	783

* λ is the wavelength of hypersonic
 ** α is the amplitude coefficient for sound absorption

Card 2/3

L 10646-66

ACC NR: AP6002662

0

helium even at a pressure of 140 atm. The experimental data are interpreted in terms of the classical theory developed earlier by one of the authors (Fabelinskiy). Orig. art. has: 1 figure and 1 table. [CS]

SUB CODE: 20 / SUBM DATE: 09Nov65/ ORIG REF: 004/ OTH REF: 003/

ATD PRESS: 4169

HW

Card 3/3

L 13271-66 EWT(1)/EWT(m)/EEC(k)-2/EWP(j)/T/EWP(k)/EWA(m)-2 IJP(c) WJ/RM

ACC NR: AP6002715

SOURCE CODE: UR/0056/65/049/006/1764/1773

AUTHOR: Mash, D. I.; Starunov, V. S.; Tumanov, Ye. V.; Fabelinskiy, I. L. *cto*

ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR (Fizicheskiy institut Akademii nauk SSSR) *R*

TITLE: The intensity and width of the Brillouin components in liquids and the damping of hypersound

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 6, 1965, 1764-1773

TOPIC TAGS: hypersound, ~~scattering~~, Rayleigh scattering, Brillouin ~~scattering~~, *Zones* ~~fluctuation~~, irreversible thermodynamics, laser, *hypersonic flow*

ABSTRACT: An expression is derived for the relaxation time of bulk viscosity on the basis of the hydrodynamic and relaxation theories for sound propagation in a liquid. This makes it possible to determine the relaxation time from measurements of sound absorption and sound dispersion and to check the validity of the simplest relaxation theory with one relaxation time. In the experiments conducted, an He-Ne laser was used to investigate the spontaneous Brillouin scattering in the following liquids: C₆H₆, CCl₄, CHCl₃, C₆H₅CH₃, and CH₂Cl. The hypersound velocity in these liquids at a frequency of 4×10^8 cps was determined from the distances between the peaks of the Brillouin components, while the coefficient of absorption was determined from their

Card 1/2

L 13271-66

ACC NR: AP6002715

linewidths. The experimental data for some liquids agreed with the results of the relaxation theory involving one relaxation time. The relative intensities of the Brillouin components were measured and compared with theoretical data. Orig. art. has: 10 formulas, 4 tables, and 5 figures. [CS]

SUB CODE: 20/ SUBM DATE: 21Jul65/ ORIG REF: 012/ OTH REF: 012/ ATD PRESS: 4/83

Card

2/2

MASH, D.I.; MOROZOV, V.V.; STARUNOV, V.S.; TIGANOV, Ye.V.; FABELINSKIY, I.L.

Induced Mandelstam-Brillouin scattering in solid amorphous
bodies and in fluids. Pis'. v red. Zhur. ekaper. i teoret.
fiz. 2 no.5:246-250 S '65. (MIRA 18:12)

1. Fizicheskiy institut imeni Lebedeva AN SSSR. Submitted July
19, 1965.

MASH, D.I.; MOROZOV, V.V.; STARUNOV, V.S.; FABELINSKIY, I.I.

Forced Mandelstam-Brillouin scattering in gases. Pis'. v red. Zhur.
eksper. i teoret. fiz. 2 no.12:562-566 D '65. (MIRA 19:1)

1. Fizicheskiy institut imeni Lebedeva AN SSSR. Submitted Nov. 9,
1965.

MASH, D.I.; STARUNOV, V.S.; TIGANOV, Ye.V.; FABELINSKIY, I.I.

Intensity and width of the fine structure components of the
line of scattered light in fluids and the damping of
hypersound. Zhur.eksp. i teor.fiz. 49 no.6:1764-1773 D '65.
(MIRA 19:1)

1. Fizicheskiy institut im. P.N.Lebedeva AN SSSR. Submitted
July 20, 1965.

L 22190-66 EWP(j)/EWP(k)/EWT(1)/EWT(m)/ETC(m)-6/T RM/WW

ACC NR: AP6004911

SOURCE CODE: UR/0056/66/050/001/0003/0014

AUTHOR: Krivokhizha, S. V.; Fabelinskiy, I. L.

ORG: Institute of Physics im. P. N. Lebedev, Academy of Sciences, SSSR (Fizicheskiy institut Akademii nauk SSSR)

TITLE: Experimental investigations of the ^{21, 44}~~propagation~~ propagation of ultrasound in viscous liquids

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 1, 1966, 3-14

TOPIC TAGS: ultrasonics, sound propagation, viscous fluid, relaxation process, ultrasound absorption, propagation velocity

ABSTRACT: In view of the small number of experimental investigations of the velocity and absorption of ultrasound and hypersound in viscous liquids, and in view of the difficulty of describing these phenomena by means of relaxation theory with one or even several relaxation times, the authors have extended the range of investigated substances by measuring the velocity and absorption of ultrasound at 3 Mcs in triacetin and 1,2-propylene glycol, whose viscosity was varied by 7--9 orders of magnitude. The method used for the experiment was based on a technique developed by T. S. Velichkina and one of the authors (Fabelinskiy, DAN SSSR v. 75, 177, 1950),

Card 1/2

L 22190-66

ACC NR: AF6004911

modified to permit the use of the same apparatus to measure the velocity of ultrasound as well as its absorption (Fig. 1). The construction of the equipment and the test procedure are described. The experimental results are made to fit an analytic relation that agrees qualitatively with a nonlocal diffusion theory for the propagation of ultrasound in viscous media, developed by M. A. Isakovich and I. A. Chaban (DAN SSR v. 165, no. 2, 1965). To check the theory more convincingly, however, it is necessary to perform a series of new ultrasonic experiments and to continue the theoretical and experimental investigations of the nature of the nonuniform liquid on which the theory is based. The most important is a check on the theoretical predictions of the nonuniformity of the liquid, and to show whether this nonuniformity represents structure fluctuations or some other phenomenon.

Orig. art. has: 14 figures, 11 formulas, and 2 tables.

SUB CODE: 20/ SUBM DATE: 20Jul65/ ORIG REF: 010/ OTH REF: 009

Card 2/2 nst

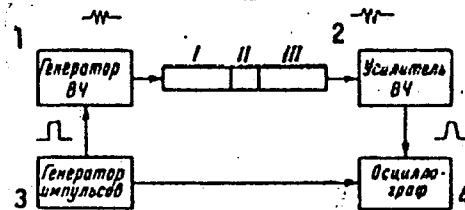


Fig. 1. Block diagram of setup for the measurement of the velocity and absorption of ultrasound. 1 - Hf generator, 2 - hf amplifier, 3 - pulse generator, 4 - oscilloscope.

L 24204-66 EWT(1)/EWP(e)/EWT(m)/T/EWP(t) IJP(c) JD/WH

ACC NR: AP6014615

SOURCE CODE: UR/0386/65/003/009/0378/0382

AUTHOR: Krivokhizha, S. V.; Mash, D. I.; Morozov, V. V.; Starunov, V. S.;
Fabelinskiy, I. I.ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR (Fizicheskiy
institut Akademii nauk SSSR)TITLE: Induced Mandel'shtam-Brillouin scattering in single-crystal quartz at tem-
peratures 2.1--300KSOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu.
Prilozheniye, v. 3, no. 9, 1966, 378-382

TOPIC TAGS: quartz, single crystal, light scattering, laser application, line shift

ABSTRACT: The following effects were observed in induced Mandel'shtam-Brillouin scattering (IMBS) in single-crystal quartz: a strong increase in the shift of the Stokes component, due to the quasilongitudinal hypersonic wave, as the temperature was lowered from 80 to 2.1K; occurrence of a Stokes component of IMBS due to the quasitransverse wave at 80K and a difference in the character of the damage to the single crystal in the focused laser beams at different temperatures and for practically constant light-pulse power. The investigation was made with a previously-described installation (Pis'ma ZhETF v. 2, 41, 1965). The giant light pulse from a ruby laser, of ~250 Mw power, was focused onto the interior of the crystal sample, which was either at room temperature or placed in a cryostat filled with liquid helium or liquid nitrogen. All crystal samples were cut from a single block of

Card 1/2

L 24204-66

ACC NR: AP6014615

5

Brazilian quartz. The frequency shifts $\Delta\nu$ of the Stokes components are tabulated. It is shown that $\Delta\nu$ doubles in the temperature interval 80--4K and continues to increase with decreasing temperature. To explain the observed large increase in the frequency it must be assumed that under the conditions of the experiment the refractive index and the speed of the hypersound change noticeably under the influence of the strong electric field of the light wave at low temperature. An analysis shows that the influence of the electric field on the refractive index and the speed of the hypersound are apparently not the only causes of the observed appreciable increase of $\Delta\nu$ at low temperature. The observed strong difference in the outward appearance of the damage in the single crystal of quartz at different temperatures is attributed to the fact that at 80K the absorption of the hypersound is somewhat smaller than at 300K, and this decrease is apparently sufficient to produce under certain conditions IMBS without damaging the crystal. When the temperature is lowered to 4.2K, the absorption coefficient becomes even smaller, and usually no damage occurs. If damage is still observed in this case, it can be attributed to the strong narrowing of the light channel, and consequently the increase in the intensity of the light and hypersound. The authors thank L. V. Keldysh and Yu. P. Rayzer for useful remarks made during the discussion of the results, and to O. B. Vol'skaya, M. A. Vysotskaya, and V. P. Zaytsev for help with the work. Orig. art. has: 1 formula and 1 table. [02]

SUB CODE: 20/ SUBM DATE: 19Mar66/ ORIG REF: 007/ OTH REF: 005/ ATD PRESS
4245

Cord 2/2 9LG

L 04619-67 ENT(m)/EWP(j) JW/RM

ACC NR: AP6034272

SOURCE CODE: UR/0386/66/004/007/0262/0266

AUTHOR: Starunov, V. S.; Tiganov, Ye. V.; Fabelinskiy, I. L. 68

ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR (Fizicheskiy institut Akademii nauk SSSR) 9

TITLE: Spectrum of light scattered by density and anisotropy fluctuations in liquid nitrobenzene

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 7, 1966, 262-266

TOPIC TAGS: nitrobenzene, light scattering, laser application, hypersound speed, relaxation process, spectral line, line splitting

ABSTRACT: Since the thermal scattering spectrum of nitrobenzene has not yet been investigated, the authors used a gas laser ($\lambda = 6328 \text{ \AA}$) as the light source to study simultaneously the narrow diffuse wing and the fine-structure lines of the interference spectrum. The apparatus was the same as used by the authors earlier (ZhETF v. 49, 1764, 1965), but the scattered light passed through a Wollaston prism oriented in such a way that one of its principal planes was perpendicular to the scattering plane (Z-polarization) and the other parallel to it (X-polarization). Results of the measurements of the speed of hypersound and the width of the Mandel'shtam-Brillouin components in nitrobenzene at 20C show that the diffuse wing superimposed on the fine-structure components is depolarized, and the Rayleigh triplet in nitrobenzene is line-

Card 1/2

L 04619-67

ACC NR: AP6034272

arly polarized. Earlier estimates have shown that in nitrobenzene almost half the integral intensity of the wing is located in the part that is superimposed on the frequency region occupied by the fine-structure lines. Measurements of the actual width of this part of the wing in nitrobenzene have shown that it amounts to $\sim 0.20 \text{ cm}^{-1}$. The anisotropy relaxation time corresponding to this width is $\tau \approx 5 \times 10^{-11} \text{ sec}$. It is therefore to be assumed that nitrobenzene, when used as the working medium in a light modulator based on the Kerr effect, is characterized by two times, one equal to $5 \times 10^{-11} \text{ sec}$, and the other smaller than 10^{-12} sec , and that both processes characterized by these times should play approximately equal roles. The intensity ratio in the Rayleigh triplet (the Landau-Placzek ratio) was also measured, with the influence of the depolarized scattering excluded, to allow for the distortion in the intensity distribution in the triplet. The measurement results and the relaxation parameters calculated from them are listed in a table. Differences between the values calculated from the dispersion of the speed of sound and the width of the Mandel'shtam-Brillouin components are attributed to the large error in the measurement of the MBC width or to the use of simplified formulas with a single τ for the earlier calculations. The authors thank V. P. Zaytsev for help in the work. Orig. art. has: 3 figures and 1 table.

SUB CODE: 20/ SUBM DATE: 08Jul66/ ORIG REF: 004/ OTH REF: 002 /
ATD PRESS: 5100

Card 2/2 LC

FABER, A.

A. FABER

Treatment of toxic diarrhoea and streptomycin. *Pediat. listy*, 5:2,
Mar.-Apr. 50, p. 99-100.

1. Of the Infant Department of the State Regional Children's Hospital
in Brno (Head of the Internal and Infectious Diseases Department---
Docent Ota Saxl, M. D.).

GLML 19, 5, Nov., 1950

FABER, Arnold, MUDr (Nove Mesto na Morave, Stalingradska 613)

Teratoma sacrococcygeale permagnus. Lek. listy, Brno 9 no.15-16:352-353 1 Aug. 54.

1. Z detskeho chirurgického a porodního oddeleni v Novem Meste na Morave. Prednostevu MUDr A.Faber, MUDR J.Pospislik a MUDr R.Dolinek.

(TERATOMA.

sacrococcygeal, giant, in newborn)

(SACROCOCYGEAL REGION, neoplasms,

teratoma, giant, in newborn)

(INFANT, NEWBORN, diseases,

teratoma, giant, of sacrococcygeal region)

FABER, Arnold

Neurofibroma of the left main bronchus. Cas. lek.cesk. 94 no.5:
113-114 28 Jan 55.

1. Z detskeho oddeleni v Novem Meste na Morave
(NEUROFIBROMA
bronchus, left, main)
(BRONCHI, neoplasms
neurofibroma)

FABER, G.L. (g. Cherepovets)

Penicillin with magnesium sulfate in treating acute and subacute inflammatory diseases of the female genitalia [with summary in English]. Akush. i gin. 34 no.1:92-96 Ja-F '58. (MIRA 11:4)

(GYNECOLOGICAL DISEASES, ther.

penicillin with magnesium sulfate in acute & subacute inflamm. (Rus))

(PENICILLIN, ther. use

acute & subacute gyn.dis., with magnesium sulfate (Rus))

(MAGNESIUM SULFATE, ther. use

potentiating agent in penicillin ther. of acute & subacute gyn.dis. (Rus))

BIRO, Istvan; FABER, Jozsef

DX-hunting. Radiotechnika 10 no.2;38-39 F '60

BIRO, Istvan; FABER, Jozsef

DX-hunting. Radiotechnika 10 no.3:73-74 Mr '60.

1. "Radiotechnika" szerkeszto bizottsagi tagja (for Biro).

BIRO, Istvan; FABER, Jozsef

DX-hunting. Radiotechnika 10 no.4:104-105 Ap '60.

1. "Radiotechnika" szerkeszto bizottsagi tagja (for Biro).

BIRO, Istvan; FABER, Jozsef

DX-hunting. Radiotechnika 10 no.5:137-138 My '60

FABER, Jozsef (HA 5-019)

HAM QTC. Radiotechnika 11 no.9:263 S '61.

FAEER, Jozsef, (HA 5 KBP)

Standard frequency, time signal and information transmitters
on wave propagation. Radiotechnika 13 no.6:215 Je '63.

FABER, Miklos, egyetemi tanarseged

Pioneers of technology; Janos Feketehazi, 1842-1927.
Vasut 12 no.9:24-3 of cover 29 S '62.

FABER, Miklos; SZILASSY, Kalman

Recent trends in the development of iron and metal structures.
Pt. 9. Melyepitestud szemle 9 no. 10: 441-450 0 '59.

1. Epitoipari es Kozlekedesi Muszaki Egyetem I. szamu Hidepites-tani Tanszeke, Budapest.

FABER, Miklos

Formation and load capacity of cemented metal joints. Gepyartastechn
1 no.5:166-173 Ag '61.

1. Epitoipari es Kozlekedesi Muszaki Egyetem.

FABER, Miklos

Gluing metal structures. Musz elet 16 no.8:10 Ap '61.

(KEAI 10:9)

(Metals) (Gluing)

FABER, Miklos; FARKAS, Mihaly

Mounting of the Elizabeth Bridge. Musz elet 18 no.12:1,10
6 Je '63.



FABER, Miklos; PLATTHY, Pal, dr.

Design of the Erzsebet Bridge. Musz elet 19 no.24:1,12 19 H
'64.

FABER, Miklos; PLATTHY, Pal, dr.

Construction works of the Erzsebet Bridge. Musz elet 20 no.3:10
11 F '65.

FABER, M. A.

~~FABER, M.A.~~

A rare case of rubellous encephalitis in adults. Sov.med. 21 no.5:
129 My '57. (MLBA 10:7)

1. Iz Narvskoy gorodskoy bol'nitsy (glavnyy vrach A.I.Blum).
(MEASLES, compl.
encephalitis, rare case)
(ENCEPHALITIS, etiol. and pathogen.
measles, rare case)

FABER, Tomasz, inż.

Semi-conductors in technology. Przegl techn no.19:5,7 13 My '62.

1. Walcownia Metali Dziedzice.

FABER, V.

CSILLAG, A.; BRANDSTEIN, L.; FABER, V.; MACZO, J-ne.

~~SECRET~~
On the pathogenesis of interstitial pneumonia in the newborn. Orv.
hetil. 94 no. 47:1303-1304 22 Nov 1953. (GLML 25:5)

1. Doctor for Csillag, Brandstein, and Faber; Technical Collaborator
for Maczo. 2. National Institute of Public Hygiene (Director General
-- Academician Andras Havas), and Prosectorium of László Metropolitan
Hospital (Director -- Dr. Pal Ferencs).

VENKEI, Tibor, dr.; BORZA, Laszlo, dr.; FABER, Viktor, dr.

Simultaneous occurrence of acne and cutaneous tuberculosis. Bogyogy.
vener. szemle 8 no.4:117-127 July 54

(TUBERCULOSIS, CUTANEOUS, complications

acne)

(ACNE, complications

tuberc., cutaneous)

CSERMELY, Hubert; FABER, Viktor

Diffuse necrosis of the cerebral cortex following whooping cough.
Ideg. szemle 12 no.9:257-262 Sept 59

1. A gyongyosi Varosi Tanacs Bugat Pal Korhaza (igazgato: dr. F. J. Istvan) es a Magyar Nephadsereg es szolgalanta kozlemeny.
(CEREBRAL CORTEX, dis.)
(WHOOPING COUGH, compl.)

OZSVATH, Imre, dr.; FABER, Viktor, dr.

Pregnancy and childbirth after surgical removal of ovarian
arrhenoblastoma. Orv.hetil. 100 no.34:1230-1232 Ag '59.

1. XIII. ker. Tanacs Robert Karoly koruti korhaza (igazgato:
Krasznai Ivan dr.) I. Szuleszet-nogyogyaszati osztalyanak
(foorvos: Kulitsy Gesa dr.) es Prosecturajanak (foorvos:
Faber Viktor dr.) kozlemenye.

(PREGNANCY)

(OVARY neoplasm)

(ARRHENOBLASTOMA, surg.)

PAPP, Andras, dr.; RISKÓ, Tibor, dr.; FABER, Viktor, dr.

Pulmonary aspergilloma. Orv.hetil. 100 no.41:1486-1489
0 '59.

1. Az Allami Fodor Jozsef Tbc. Gyogyintezet (igazgato-foorvos:
Sebok Lorand dr.) es a Magyar Nephadsereg Egeszsegugyi Szelgalat
kozlemenye.

(LUNG DISEASES etiol.)
(ASPERGILLOSIS)

BERNAT, I.; FABER, V.

Pathology and histopathology of ozaena experiments proving its sidero-
penic origin. Acta med. acad. sci. Hung. 18 no.1:139-162 '62.

1. Hungarian Army Medical Corps.

(OZENA pathol) (IRON defic)

FABER, Viktor, dr.; HARSANYI, Laszlo, dr.

Fatal air embolism due to therapeutic and diagnostic abdominal air
insufflation. Orv. hetil. 103 no.17:782-787 29 Ap '62.

1. A M. N. Eu. Szolgalata es a Budapesti Orvostudomanyi Egyetem,
Igasszaguyi Orvostani Intezet.

(EMBOLISM etiol) (PNEUMOPERITONEUM ARTIFICIAL compl)

HUNGARY

SANTHA, Andras, Dr, physician-lieutenant colonel, FABER, Viktor, Dr, physician-lieutenant colonel, BARDOS, Edit, technician; Health Service of the Hungarian People's Army (A Magyar Nephadsereg Egeszsegugyi Szolgalata) and the Frederic Joliot-Curie National Radiation Biological Institute (Frederic Joliot-Curie Orszagos Sugarbiologiai Intezet (director: VARTERESZ, Vilmos, Dr, candidate of medical sciences).

"Experimental Data on the Early Radiation Reaction of the Digestive System IV. Absorption and Excretion of Corpuscular Matter After X-Ray Irradiation."

Budapest, Honvedorvos, Vol XV, No 3, July-Sept 1963, pages 250-256.

Abstract: [Authors' Hungarian summary] The mucosa of the small intestines of dogs, irradiated abdominally with supralethal (800r) doses of X-ray, show such permeability already in the first hours after irradiation, that coarse corpuscular matter introduced experimentally into the intestines (dry starch, charcoal powder, cobalt dust) can penetrate it in both directions. As opposed to the normal mucosa, the radiation injury causes permeability not only toward the lymphatic ducts but also toward the capillaries of the villi. This was shown by absorption experiments with clamped thoracic ducts. The granules do not pass through spots without epithelium since in the early stages such spots are not yet present. The factor which increases the permeability can be transferred to non-irradiated dogs by crossed-carotid circulation. The spreading effect of X-ray irradiation, as seen by experiments with corpuscular

1/2

SOLYOM, Antal, dr.; DAVID, Gabor, dr.; FABER, Viktor, dr.

Significance of the serum tyrosine level in the evaluation of chronic level damage. Experimental studies. Magy. belorv. arch. 16 no.1: 32-36 Mr '63.

I. Gyógyszeripari Kutató Intézet és a Magyar Nephadaereg Egészségügyi Szolgálat.

(TYROSINE) (BLOOD CHEMICAL ANALYSIS) (LIVER DISEASES)
(PATHOLOGY) (CARBON TETRACHLORIDE POISONING)

HUNGARY

KENEDI, Istvan, ROZSAHEGYI, Istvan, and FABER, Viktor, of the Hungarian Army Medical Corps and National Institute for Labor Hygiene [original-language version not given] in Budapest.

"The Effect of Decompression in Acute and Chronic Experiments"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 23, No 2, 1963, pp. 199-204.

Abstract: [English article; authors' English summary] The electrocardiogram (ECG) changes accompanying exposure to 3.3 atmospheres, as well as the 'locking-in' and 'locking-out' (increase and decrease of atmospheric pressure), and the histological pattern of the heart muscle were studied in guinea-pigs. During rapid decompression following four hours saturation, two guinea-pigs died, two developed tonic-clonic convulsions, and three showed no change. In 77 percent of the experiments ECG changes (severe disturbance of conduction, appearance of Q₁, inversion of T, and so-called 'labile-ECG') were found on decompression. Histological

1/2

LISZKAI, Laszlo, dr.; ROMHANYI, Imre, dr.; FABER, Viktor, dr.

Cholesterol granuloma of the coronary artery. Orv. hetil.
104 no.48:2281-2283 1 D '63.

1. Magyar Nephadsereg Egesszegugyi Szolgalata.
(CORONARY DISEASE) (CHOLESTEROL)
(GRANULOMA) (PATHOLOGY)

PASTINSZKY, I.; KENEDI, I.; FABER, V.

Experimental studies of the dermato-cardiac reflex effect.
Acta physiol. acad. sci. Hung. 25 no.1:89-95 '64.

1. Hungarian Army Medical Corps.

PASTINSZKY, Istvan, dr.; KENEDI, Istvan, dr.; FABER, Viktor, dr.

Experimental study on the cutaneo-cardiac reflex activity.
Borgyogy vener. szemle 40 no.3:106-113 Je'64.

BERTOK, Lorand, dr.; FABER, Viktor, dr.; PINTER, Zoltan, dr.

Histological changes in the liver of rats and guinea pigs infected with the "virus" of epidemic hepatitis. Orv.hetil. 105 no.4:156-157
26 J '64.

1. Magyar Tudományos Akademia, Allategészségügyi Kutató Intézet,
Korelettani Osztály, és a Magyar Néphadsereg Egészségügyi Szol-
galata.

NOVAK, Janos, dr.; BRANDSTEIN, Laszlo, dr.; FABER, Viktor, dr.

Recent methods for the treatment of burns. (Preliminary report).
Orv. hetil. 105 no.34:1602 23 Ag '64.

1. Magyar Naphadsereg, Egészségügyi Szolgálat és Orvostovábbképző
Intézet, Sebészeti Tanszék.

BRANDSTEIN, Laszlo, dr.; FABER, Viktor, dr.; FARKAS, Viola, dr.;
TAKACS, Geza.

Experiences with the use of liquid bandage material in the
treatment of surgical wounds. Orv. hetil. 106 no.13:607-607
28 Mr '65

1. Fovarosi Tanacs V.B.Tetenyi uti Korhaz, I. Sebészeti Osztály
(főorvos: Littmann, Imre, dr.); Magyar Néphaiszeres Egészségügyi
Szolgálat, Egyesült Gyógyszer- és Tapszergyar, Gyógyszer-
technológiai Laboratorium (cszr. vez. Takacs, Geza, dr.).

NEPOMNYASHCHIY, L.B.; FABER, Yu.A.

Briquetting coals from the Soviet Far East. Trudy DVFAN SSSR.
Ser. khim. no.6:93-96 '62. (MIRA 17:8)

FABER, Yu. D.
FABER, Yu. D.

Using transistors in amplifiers for multichannel high frequency
telephone systems. *Elektrosviaz* '11 no. 12:50-57 D '57. (MIRA 10:12)
(Telephone) (Transistor amplifiers)

FAHR, Yu.D., inzh.

Introduce progressive techniques for the building of main cable lines.
Vest. svyazi 19 no.1:13-14 Ja '59. (MIRA 12:1)

1. Montazhnoye upravleniya tresta "Meshgorsvyaz'stroy."
(Electric cables)

FABERA, J.

FABERA, J. Explanation of the concept of functions in secondary schools.
p. 731.

Vol. 5, no. 5, 1955
SOVETSKA VEDA: MATEMATIKA-FYSIKA-ASTRONOMIE
SCIENCE
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

FABERA, J.; GARGUIAK, Z.

FABERA, J.; GARGUIAK, Z. Note on the calculation of certain improper integrals. (Conclusion) p. 733.

Vol. 5, no. 5, 1955
SOVETSKA VEDA: MATEMATIKA-FYSIKA-ASTRONOMIE
SCIENCE
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

NOVIKOV, P.S.; FABERA, Jiri [translator]

Elements of mathematical logic. Pokroky mat fyz astr 5
no.6:629-643 '60.

FABERA, Jiri (Praha)

Caratheodory's algebraization of measure and integral. Pokroky mat
fyz astr 6 no.5:249-254 '61.

(Algebra) (Weights and measures) (Integrals)

FABERA, Jiri

"Mathematics for students of technical sciences" by I. Kluvanek, L. Misik and M. Svec. Reviewed by Jiri Fabera. Pokroky mat fyz astr 6 no.6: 343-346 '61.

FABERA, Jiri (Praha)

Caratheodory's algebraisation of measure and integral. Pokroky mat
fyz astr 6 no.6:299-304 '61.

ACCESSION NR: AP5001732

Z/0040/64/000/012/0366/0367

AUTHOR: Dlouhy, J.; Fabera, J. (Engineer) B

TITLE: Progress in constructing the new Ruzyne airport

SOURCE: Letecký obzor, no. 12, 1964, 366-367

TOPIC TAGS: airport construction, hangar construction, construction planning

ABSTRACT: Earthwork for the new repairshop hangar at Prague Ruzyne airport began in the spring of 1963, but work on the heavy foundations for the 18 reinforced concrete frames to support the steel roof structure was interrupted by lack of material and then by severe weather. Only 3 frames were completed by January 7, 1964 instead of 9, and the new schedule called for all 18 to be up by Nov. 11, 1964. The Kralovopolske strojirny (Kralovopolske Machine Works) in Brno have already delivered and are now assembling the steel section of the roof structure, but there is no hope that the hangar will be complete before the end of 1966. The new passenger building is the second major project and concrete foundations plus the floor over the basement were completed at the end of June, 1964. The whole reinforced concrete skeleton for the central section of the building is scheduled for completion in 1964. Military Constructions, as the general contractor, and

Card 1/2

ACCESSION NR: AP5001732

the Vojensky projektovy ustav (Military Planning Institute), as well as the State Aviation Administration, are faced with great problems due to the shortage of qualified building experts and skilled labor, as well as the lack of machinery for concrete and other construction work. The upper four floors in the central block will not be concreted by the end of the year in spite of arrangements being made for a new type of electric heating. This will leave very little time for interior finishing and artistic ornamentation if the building is to be opened by the middle of 1967, as the government has ordered. Orig. art. has: 3 photographs.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, CO

NO REF SOV: 000

OTHER: 000

Card 2/2

FABERA, Lubomir; BEMBENEK, Zdenek

Casting of rolling mandrels in iron molds. Slevarenstri 11 no.1:
27-30 Ja '63.

1. Zelezarny a dratovny Bohumin; Vyzkumny a skusebni ustav,
Nova hut Klementa Gottvalda, Ostrava.

FABERA, Lubomir

Experiences in operating the MBC hot blast cupolas in the
Zelazarny a dratovny National Enterprise, Bohumin. Slovarenstvi
13 no.4:134-136 Ap '65.

1. Zelazarny a dratovny National Enterprise, Bohumin.

FABERA, S.

Making bevel gear wheels by hot rolling. Stroj vyr 9 no.6:287 '61.

1. Technicko-organizacni vyzkumny ustav strojirensky.

FABERA, Stanislav, inz.

Determining the increase in labor productivity of workers
operating two machines. Podnik organizace 16 no.11:502-505 N
'62.

1. Technicko-organizacni vyzkumny ustav strojirensky.

FABERA, Stanislav, inz.

Heavy machine engineering. Pod org 17 no.5:208-209 My '63.

1. Technicko-organizacni vyzkumny ustav strojirensky.

FABERA, Stanislav, inz.

Introduction of progressive forming methods into production.
Pod org 17 no. 12: 533-535 D '63.

1. Technicko-organizacni vyzkumny ustav strojirensky.

FABERKIEWICZ, A.; KWIATKOWSKI, S;

Technical considerations in organizing the power industry.

P. 10 (WIADOMOSCI ELEKTROTECHNICZNE) (Warszawa, Poland) Vol. 17, no. 2, 1957

SO: Monthly Index of East European Accessions (EEAI) IC Vol. 7, No. 5. 1958

3

YUGOSLAVIA

POP-GENIC, S.; PUJIN, D.; ZIGIC, B.; SEŠTAK, V.; PUACA, V. and WUCKOVIC, M. FABEG, Belgrade; Veterinary Center (Veterinarski centar) Sombor; ZZ [Acronym not identified], Kolut; IPK [acronym not identified] "Vrbas", Animal Feed Factory (Fabrika stocne hrane) Vrbas; and PD [acronym not identified] "Elan" Srbobran.

"Effect of Vigofac in Fattening Swine with Varying Levels of Animal and Plant Proteins in their Feed."

Belgrade, Veterinarski Glasnik, Vol 19, No 12; 1965; pp 925-929.

Abstract [English summary modified]: Study of Pfizer's animal feed additive Vigofac in 7 groups totaling 64 pigs. Improvement in body weight and feed use efficiency was pronounced on animals reciving marginally adequate feed, but was least in those receiving good rations. Three tables, 1 Yugoslav and 3 Western references; ms rec 2 Nov 65.

1/1

FABEROV, I. L.

"Questions of the Automation of Underground Gasification of Coal,"

paper read at the Session of the Acad. Sci. USSR, on Scientific Problems of Automatic Production, 15-20 October 1956.

Avtomatika i telemekhanika, No. 2, p. 182-192, 1957.

9015220

L 13497-66 EWT(m)/EWP(j) RM

ACC NR: AP6002074

SOURCE CODE: UR/0204/65/005/006/0873/0879

AUTHOR: Ustavshchikov, B. F.; Podgornova, V. A.; Dormidontova, N. V.; Faberov, M. I.

ORG: Yaroslav Institute of Technology (Yaroslavskiy tekhnologicheskii institut)

TITLE: Synthesis of methacrylic acid based on isobutylene. Reaction mechanism of isobutylene with N₂O₄

SOURCE: Neftekhimiya, v. 5, no. 6, 1965, 873-879

TOPIC TAGS: chemical reaction, IR absorption, isobutylene, nitration, nitric oxide, IR spectrum, spectrophotometer, acrylic acid, organic nitroso compound, nitrate

ABSTRACT: The mechanism of reaction of isobutylene with liquid N₂O₄ was studied by examining the IR spectra of the reaction products. The object of this work was to examine the feasibility of synthesizing methacrylic acid by reacting isobutylene with liquid N₂O₄. The IR absorption spectra were taken with IKS-14 spectrophotometer with a NaCl prism. The polarographic analyses of the reaction products were made with a VNR polarograph made by Orion Company. The reaction was conducted at 0°C and at 20°C in dichloroethane solvent. The nitrosonitrate of isobutylene

Card 1/3

UDC: 547.391.3.05:547.313.4-125:546.174

L 13497-66

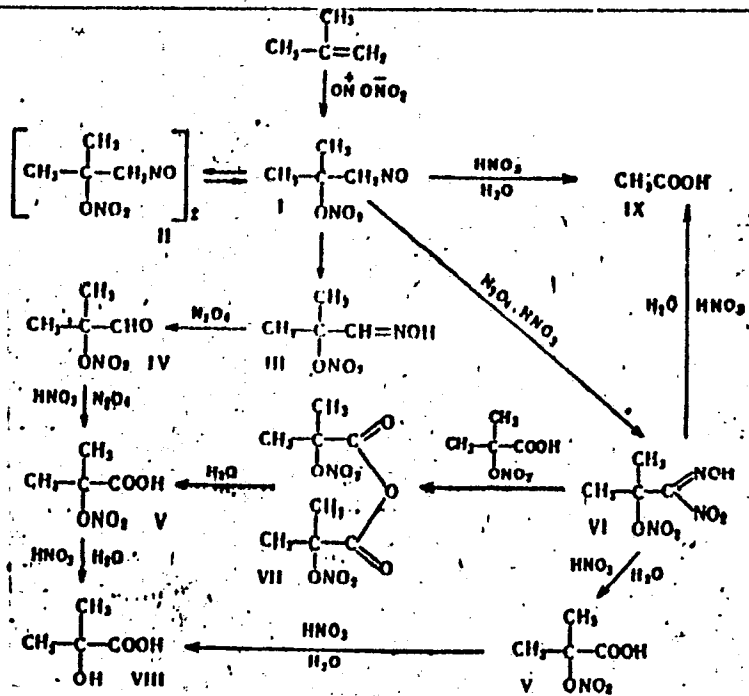
ACC NR: AP6002074

was detected in the product only when the reaction was conducted at 0°C. It is claimed that this nitrosonitrate represents the primary reaction product. Reaction of isobutylene with liquid N₂O₄ is shown in fig. 1. The authors thank Ya. I. Tur'yan for valuable consultation and polarographic analysis of the reaction products. Orig. art. has: 5 figures, 1 table.

Card 2/3

L 13497-66

ACC NR: AP6002074



Reaction of isobutylene with liquid N_2O_4 .

SUB CODE: 07 / SUBM DATE: 13Mar65 / ORIG REF: 008 / OTH REF: 006

Card 3/3 *AK*

FABIAN, A.

"Solid Rod Resistors", p. 148 (MAGYAR HESADASTECHENIA, Vol. 4, no. 11/12, Nov./Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, IC, Vol. 3, no. 5, May 1954/Uncl.

BADONYI, Geza; FABIAN, Andras; KOVACS, Bela

Theoretical bases for designing seismic installation with
magnetophone recording. Pt.1. Geofiz kozl 13 no.4:423-
437 '64.

FABIAN, A.

Practical considerations of skin sensitivity to benzocaine.
Lek. listy, Brno 7 no.7:172-174 1 Apr 1952. (CJML 22:2)

1. Of the Dermatological Department (Head--Ant. Fabian, M. D.)
of the First State District Hospital, Ostrava I.

FABIAN, A.

New serodiagnostic method in syphilis;technic and results. Cesk. dermat.
27 no.5-7:229-235 Aug 1952. (CLML 23:2)

1. Of the In-Patient Section (Head--A. Fabian, M.D.) in Ostrava of the
Dermatological and Venereological Department of OUMZ.

FABIAN A.

Odd. OUNZ pro Kozni a pohlavni Chorob., Ostrave. *Lokalni lecba pyodermii antibiotiky a jeji komplikace. Local treatment of pyodermas with antibiotics and its complications BRATISLAVSKE LEKARS. LISTY 1953, 33/9 (795-800) Illus. 4
Four cases of contact dermatitis following application of penicillin ointment are described.

Schwank - Prague

SO: Excerpta Medica
Section XIII
Vol. 9 No. 1

FABIAN, Ant. Prim. Dr.

Industrial accidents and skin injuries by coal dust in miners.
Česk. derm. 24 no.6:330-333 Dec 54.

1. Z Oddeleni pro kozni a pohlavni choroby okresni nemocnice
OUNZ v Ostrave I.

(ACCIDENTS

indust. in coal mines, skin inj. by coal dust)

(SKIN, wounds and injuries

caused by coal dust in accid. in coal mines)

(MINING

coal dust causing skin inj. in accid.)

(WOUNDS AND INJURIES

skin, caused by coal dust in coal mine accid.)

FABIAN, A.,dr.; VAJKOCZY, A.,dr.

Experiences with intranarcon. Ther. hung. no.2:23-24 1955.

1. From the surgical department of the state institute for tuberculosis, Debrecen.

(BARBITURATES, anesth. & analgesia,
kenithal, value (Hun))

FABIAN, F.

EXCERPTA MEDICA Vol.10/3 Sec.13 Dermatology March 56

597. FABIAN A. Z Oddělení OÚNZ pro Kožní a Pohlavní Choroby, Ostrava. *Lupus na Ostravsku. Statistický a klinický přehled. Lupus in the Ostrava region (statistical and clinical review) ČSL. DERM. 1955, 29/2 (103-112) Illus. 4

The statistical figure for all the registered male and female patients suffering from lupus in the Ostrava region is altogether 192. The second attempt to review all the patients in the Ostrava region (the first one was in 1949) was again not fully successful because some of the patients failed to attend even after three written requests, others had left the Ostrava region without their new address being available. Of the 192 patients 55 men were reexamined, 8 died, the address of 12 is unknown, 10 failed to attend, 34 patients are clinically cured. There are 106 women suffering from lupus on the register, 76 clinically examined, 11 died, 7 are of unknown address, 12 failed to attend, 37 are clinically cured. The following data were statistically analysed: address, age, duration of disease, occupation, housing condition, social conditions, previous history, localization of the lupus foci, present state of the disease, complications. (See enclosures.) The treatment results, generally speaking, are not constantly satisfactory. Many patients neglect the treatment although present-day modern treatment is painless and effective. There are also indolent patients with a peculiar mentality, socially feeble, coming for treatment belatedly in a neglected state. The number of cases of carcinoma in lupus is conspicuous (15), esp. in those who had X-ray treatment a long time ago.

Author's summary

KAPUSCINSKI, W. J.; FABIAN, A.; WOZNIAKOWA, I.; SIDOROWICZ, L.

Ratio of myopia to glaucoma. Klin. oczna 26 no.1:53-66
1956.

1. Z Kliniki Ocznej A. M. we Wroclawiu. Kier.: prof. dr. med.
W. J. Kapuscinski.

(GLAUCOMA, complications.

myopia. (Pol))

(MYOPIA, complications

glaucoma. (Pol))

FABIAN, Antonin, Primar MUDr.

Experience with the treatment of an epidemic of microsporia.
Cesk. dermat. 31 no.2:105-106 Apr 56.

1. Dermatologicke oddeleni OUNZ-Ostrava 1.
(RINGWORM, therapy,
microsporia (Cs))

CZECHOSLOVAKIA/Pharmacology and Toxicology. Hormonal Preparations V-7

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 47263

Author : Fabian A.

Inst

Title : The Trial Treatment of Psoriasis by Local Application of the
Extracts of the Thymus Gland

Orig Pub : Ceskosl. dermatol., 1957, 32, No 6, 396-398

Abstract : In the local treatment of psoriasis, the author applied
alcoholic tissular extracts of the thymus gland of calves
in a form of ointment. Very good results were obtained.

Card : 1/1

FABIAN, Antonin

Allotrichia circumscripta symmetrica capillitii. *Cesk. dermat.* 36
no.2:83-85 '61.

1. Dermatologické oddelení nemocnice MUNZ v Ostravě I.

(HAIR) (NEVUS PIGMENTED case reports)
(PAPILLOMA case reports)

FABIAN, Antonin

Use of cardiolipins as antigen in the reaction of complement fixation in active serum and its result in comparison with other serological reactions in syphilis. Cesk. dermat. 37 no.3:187-192 Je '62.

1. Luskove oddeleni pro kozni a pohlavni choroby nemocnice MUNZ,
Ostrava, nrednosta MUDr. A. Fabian.
(COMPLEMENT) (SYPHILIS immunology) (PHOSPHOLIPIDS immunology)

FABIAN, Antonin

Occupational diseases and changes in the fingernails in meat processing industry in the Ostrava Region. Cesk. dermat. 36 no.4:251-255 Je '61.

1. Oddeleni chorob z povolani KUNZ v Ostrave.

(MEAT PACKING INDUSTRY) (TUBERCULOSIS CUTANEOUS)
(OCCUPATIONAL DISEASES) (MAILS dis)

FABIAN, A. (Cluj); MICLE, F. (Cluj)

Biology of the white water lily *Victoria regia*. *Natura Biologie* 16
no.4:79-81 J1-Ag '62.

FABIAN, Daniel, dr.; DOBIAS, Gyorgy, dr.

Therapeutic importance of staphylococcal anatoxins in recurrent pyoderma. *Borgyogy. vener. szemle* 37 no.2:76-83 Ap '61.

1. A Fehervari uti SZTK rendelo es a Human Oltoanyagtermelo es Kutato Intezet kozlemenye.

(PYODERMA ther)
(STAPHYLOCOCCUS)
(TOXINS AND ANTITOXINS)

PANOS, J.; KMOCH, J.; KORYCH, B.; FABIAN, D.; KALVODOVA, D.

Apropos of the etiology and clinical aspects of atypical pneumonia. Cas.lek.cesk. 102 no.50:1371-1374 13 D'63.

1. II interni klinika fakulty detskeho lekarstvi KU v Praze; (prednosta: prof.dr. R. Foit, DrSc.) a Ustav pro lekarskou mikrobiologii a imunologii fakulty vseobecneho lekarstvi KU v Praze. (prednosta: prof.dr. F.Patocka, DrSc.).

*

FABIAN, E.; FABIAN, D.; FABIAN, F.

The effect of heparin on the level of reducing substances in the blood in healthy persons and in diabetics. Sborn. lek. 67 no.8/9:248-251 Ag '65.

I. I. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta prof. dr. V. Hoenig, DrSc.), II. interni klinika fakulty detskeho lekarstvi University Karlovy v Praze (prednosta prof. dr. R. Foit, DrSc) a Katedra matematicke statistiky matematicko-fyzikalni fakulty University Karlovy v Praze (prednosta prof. dr. inz. J. Hajek, DrSc).

SVOBODA, Z.; FABIAN, D.; KMOCH, J.; SIEBEROVA, E.

Chlorpropamide and tolbutamide test in the diagnosis of diabetes mellitus. Cas. lek. Cesk. 104 no.45:1239-1242 12 N '65.

1. II. interni klinika fakulty detskeho lekarstvi Karlovy University v Praze (prednosta prof. dr. R. Foit, DrSc.).

FABIAN, Endre, egyetemi tanárszeged (Miskolc)

Astronomy and ideology. Borsod szemle 6 no.6:41-47 1962.

FABIAN, Endre, egyetemi tanarseged (Miskolc)

Astronomy and iddology. Term tud kozl 7 no.3:114-116 Mr '63.

FABIAN, Ede, dr.

Osteoclastoma. Orv. hetil. 97 no.21:569-572 20 May 56

1. A Budapesti Orvost. Egyetem I. sz. Sebészeti Klin. (igaz. Hedri
Andre dr. egyet. tanár) közl.

(GIANT CELL TUMORS

osteoclastoma, classif. & malignancy (Hun))

KUCEROVA, L.; STORK, A.; ~~FABIAN, E.~~

Determination of clearing factor. Cas. lek. cesk. 98 no.13:398-401
27 Mar 59.

1. I. interni klinika KU v Praze, prednosta prof. dr. M. Netousek.
(LIPASES, in blood
lipoprotein lipase in normal & arteriosclerotic patients
(Cz))
(ARTERIOSCLEROSIS, blood in
lipoprotein lipase (Cz))

STOJK, A.; KUCEROVA, L.; FABIAN, E.

Lipoprotein changes after heparin injection in relation to the clearing factor. Cas. lek. cesk. 98 no.13:401-403 27 Mar 59.

1. Statisticke zpracovani: Ing. Frantisek Fabian.

(LIPASES, in blood

lipoprotein lipase in normal & arteriosclerotic patients
(Cz))

(ARTERIOSCLEROSIS, blood in
lipoprotein lipase (Cz))

KUCEROVA, L.; STORK, A.; FABIAN, J.

Trial therapy of atherosclerosis with anzyme preparations. I. Clinical part. Cas. lek. cesk. 98 no.13:403-407 27 Mar 59.

1. I. interni klinika KU v Praze, prednosta prof. dr. Milos Netousek.
(ARTERIOSCLEROSIS, ther.
vasolastine, statist. (Cz))
(ENZYMES, ther. use
vasolastine in arteriosclerosis, statist. (Cz))